| Inde | ex of | Clain | ns |
|------|-------|-------|----|
|      |       |       |    |

| Applica | ıtion | No. |
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10/016,647

Examiner

Applicant(s)

FRIDDLE ET AL.
Art Unit

Bridget E. Bunner

1647

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| _ | Restricted                     |

| N | Non-Elected  |
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| ı | Interference |

| Α | Appeal   |
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| 0 | Objected |

|       |  |          |          |          |              |  |              |              |              | _        |  |  |
|-------|--|----------|----------|----------|--------------|--|--------------|--------------|--------------|----------|--|--|
| Cla   | ıım  | Date     |          |          |              |  |              |              |              |          |  |  |
| Final | Original   | 7/16/04  |          |          |              |  |              | 3            |              |          |  |  |
|       | 1  | + 4      |          |          |              |  |              |              |              |          |  |  |
|       | 2  | î        |          |          |              |  |              |              | _            |          |  |  |
|       | 3  | H        |          |          |              |  |              |              |              |          |  |  |
|       | 4  | بيّ      |          |          |              |  |              |              |              |          |  |  |
|       | 5  |          |          | _        |              |  |              |              |              |          |  |  |
|       | 6  |          |          |          |              |  |              |              |              |          |  |  |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7                                      | П        |          |          |              |  |              |              |              |          |  |  |
|       | 8  | П        |          |          |              |  |              |              |              |          |  |  |
|       | 9  |          |          |          |              |  |              |              |              |          |  |  |
|       | 10   |          |          |          |              |  |              |              |              |          |  |  |
|       | 11   |          |          |          |              |  |              |              |              |          |  |  |
|       | 12   | Ш        |          |          |              |  |              |              |              |          |  |  |
|       | 13   | Ш        |          |          | $oxed{oxed}$ | Ш  |              |              |              |          |  |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | Ш        |          |          |              |  |              |              |              |          |  |  |
|       | 15   | Ш        |          |          |              |  | Ш            |              |              | Щ        |  |  |
|       | 16   | Щ        |          |          |              |  |              |              |              |          |  |  |
|       | 17   | Ш        |          |          |              |  |              |              |              |          |  |  |
|       | 18   |          |          |          |              |  |              |              |              | Ш        |  |  |
|       | 19   | <u> </u> |          |          |              |  |              |              | <u> </u>     | Ш        |  |  |
|       | 20   |          |          |          |              |  |              |              |              | Щ        |  |  |
|       | 21   |          |          |          |              |  |              |              |              | Ш        |  |  |
|       | 22   |          |          | L.       |              |  | _            |              |              |          |  |  |
|       | 22<br>23<br>24<br>25   |          |          |          | _            | _  |              |              |              |          |  |  |
|       | 24   | Ш        |          | <u> </u> | ļ            |  | L            | _            |              | H        |  |  |
|       | 25   | -        |          | <u> </u> | ļ            |  | <u> </u>     |              |              | Ш        |  |  |
|       | 26   |          |          |          | -            |  |              |              | _            |          |  |  |
|       | 27<br>28   |          |          | <u> </u> | H            | _  |              |              | ┡            | $\vdash$ |  |  |
|       | 28   |          |          |          | <u> </u>     |  | -            |              | ┡            |          |  |  |
|       | 29   | -        |          | <u> </u> | -            | ⊢  |              |              | _            |          |  |  |
|       | 30<br>31   | $\vdash$ | _        | -        | ┝            | ┝  |              | -            | ⊢            |          |  |  |
|       |  | $\vdash$ |          | -        | ⊢            | -  | -            | -            |              | -        |  |  |
|       | 32<br>33   | $\vdash$ | -        |          | $\vdash$     | <u> </u>   | -            |              | <del> </del> | Н        |  |  |
|       | 34   | -        | -        |          | $\vdash$     | $\vdash$   | $\vdash$     | $\vdash$     |              | Н        |  |  |
|       | 35   |          | -        | $\vdash$ | ├            | -  |              | $\vdash$     | -            | H        |  |  |
|       | 36   | -        | $\vdash$ | $\vdash$ | $\vdash$     | H  | -            | <del> </del> | -            | $\vdash$ |  |  |
|       | 37   | ┢╌       |          | $\vdash$ | <del> </del> | <del>                                     </del> | $\vdash$     | $\vdash$     | -            |          |  |  |
|       | 38   | T        | <u> </u> | <u> </u> | T            | $\vdash$   | <del> </del> | <u> </u>     |              | $\Box$   |  |  |
|       | 39   | T        |          | _        |              |  | $\vdash$     | $\vdash$     | _            |          |  |  |
|       | 40   |          | _        | Г        | Т            | Г  |              |              |              |          |  |  |
|       | 41   |          |          |          |              | l  |              | Г            |              | $\Box$   |  |  |
|       | 42   | Π        | _        |          |              |  |              |              |              |          |  |  |
|       | 43   | Τ        |          |          |              |  | l -          |              |              |          |  |  |
|       | 44   | Г        |          |          | Π            |  |              |              |              |          |  |  |
|       | 45   |          | Γ        |          | Г            | П  | П            | Г            | _            |          |  |  |
|       | 46   | T        |          | Γ        |              |  |              | Г            |              |          |  |  |
|       | 47   |          |          | <u> </u> |              |  |              |              |              |          |  |  |
|       | 48   |          |          |          |              |  |              |              |              |          |  |  |
|       | 49   |          |          |          |              |  |              |              |              |          |  |  |
|       | 50   |          |          |          | i            |  |              |              |              |          |  |  |

| la       | im          |                |          |          |          | Date         |                    |          |          |          | [ | Cla   | im       |          |          |          | [                  | Date     | =            |              |               |          |
|----------|-------------|----------------|----------|----------|----------|--------------|--------------------|----------|----------|----------|---|-------|----------|----------|----------|----------|--------------------|----------|--------------|--------------|---------------|----------|
| Ĭ        |             |                |          |          | T        |              |                    |          |          |          |   |       |          |          |          |          |                    |          |              |              |               |          |
|          | Original    | 7/16/04        |          |          |          |              |                    |          |          |          |   | 70    | Original |          | - 1      |          |                    |          |              |              |               |          |
|          | igi         | 16/            |          |          |          |              |                    |          |          |          |   | Final | rigi     |          |          |          |                    |          |              |              |               |          |
|          | Õ           | 12             |          |          |          |              |                    |          |          |          |   | _     | 0        |          |          |          |                    |          |              |              | ,             | ļ        |
| $\dashv$ | 1           | ÷              |          | _        | -        | -            |                    |          |          | -        |   |       | 51       |          |          |          |                    |          | _            |              |               | $\neg$   |
| ┥        | 2           |                | $\vdash$ | _        |          | $\vdash$     |                    |          |          |          |   |       | 52       | $\vdash$ |          |          |                    |          |              | Н            | $\neg$        | $\dashv$ |
| ┨        |             | +              |          |          |          |              |                    |          | _        |          |   |       | 53       |          |          |          | _                  |          | -            |              | $\exists$     | $\neg$   |
| $\dashv$ | 3<br>4<br>5 | -              |          |          |          |              |                    |          |          |          |   |       | 54       |          |          |          |                    |          |              | Н            |               | $\dashv$ |
| $\dashv$ |             | •              |          |          |          |              | _                  |          | -        |          |   |       | 55       |          |          |          |                    |          | -            |              | $\neg$        | $\dashv$ |
| $\dashv$ | 5           |                |          |          |          |              |                    |          |          | _        |   |       | 56       |          | _        | _        |                    |          | -            | Н            |               |          |
| $\dashv$ | 6<br>7      | -              |          |          |          |              |                    |          |          |          |   |       | 57       |          |          |          |                    | _        |              | -            |               |          |
| -+       | 8           |                |          | _        |          |              |                    |          | -        |          |   |       | 58       |          | _        |          |                    |          |              |              | $\overline{}$ |          |
| $\dashv$ | 9           | _              | _        |          |          |              |                    |          |          |          |   |       | 59       | $\vdash$ |          |          |                    |          |              |              |               |          |
| -        | 10          | H              |          | _        |          | $\vdash$     |                    |          |          |          |   |       | 60       | -        |          | _        |                    |          | H            |              |               |          |
| -        |             | -              |          | _        | -        | $\vdash$     | _                  | -        |          |          |   |       | 61       |          |          | -        | _                  | -        |              |              |               |          |
| _        | 11          | ⊢              |          |          | _        |              |                    | _        | -        |          |   | _     | 62       |          |          |          |                    | ┝        |              | -            | _             |          |
| 4        | 13          | ⊢              |          |          | -        | $\vdash$     |                    | -        | H        | -        |   |       | 63       | H        |          | -        |                    | -        |              | $\vdash$     |               |          |
| 4        | 14          | $\vdash$       | -        |          | -        | $\vdash$     |                    |          | $\vdash$ |          |   |       | 64       | $\vdash$ |          |          |                    |          |              | $\vdash$     |               | $\vdash$ |
| -        | 15          |                |          |          | _        |              | _                  | _        |          |          |   |       | 65       | -        |          |          | _                  |          | -            | H            | $\vdash$      |          |
|          |             | <del> </del> — | $\vdash$ | $\vdash$ | -        | $\vdash$     | $\vdash$           | <u> </u> | <u> </u> |          |   |       | 66       | $\vdash$ | -        |          | _                  | $\vdash$ | Ė            | $\vdash$     | $\vdash$      |          |
| 4        | 16          | $\vdash$       |          | -        | $\vdash$ | <u> </u>     | H                  | $\vdash$ | <u> </u> | <u> </u> |   |       | 67       | -        |          | _        | _                  | $\vdash$ | $\vdash$     |              | _             |          |
| _        | 17          | -              | <u> </u> | <u> </u> | _        |              |                    |          |          | _        |   |       |          | <u> </u> |          | _        |                    |          | -            |              |               |          |
| _        | 18          | 1              |          | <u> </u> | <u> </u> |              | <u> </u>           |          | <u> </u> | $\vdash$ |   |       | 68<br>69 | <u> </u> |          | <u> </u> |                    | -        | ⊢            | $\vdash$     |               | $\vdash$ |
| _        | 19          |                |          |          |          |              |                    | <u> </u> |          | $\vdash$ |   |       | 70       | -        |          |          | -                  |          | ┢╌           |              | <del> </del>  |          |
| _        | 20          | ⊢              |          | _        | <u> </u> |              |                    |          | <u> </u> |          |   |       | 70       |          |          |          |                    |          | -            |              | $\vdash$      |          |
| _        | 21          |                | _        |          | _        | _            |                    | <u> </u> |          | _        |   |       | 71       |          |          |          |                    |          | -            | -            | -             |          |
|          | 22          | _              | H        | <u> </u> | -        | $\vdash$     | <u> </u>           | -        |          | <u> </u> |   |       | 72       |          |          |          |                    | <u> </u> | <del> </del> | -            |               |          |
| _        | 23          |                | -        |          | _        | <u> </u>     |                    |          | <u> </u> |          | l |       | 73       |          | -        |          | _                  |          | -            |              |               |          |
|          | 24          | ╙              | _        | <u> </u> | ļ        | _            | <u> </u>           | <u> </u> |          | ┝        |   |       | 74       | H        |          | _        |                    | H        | ⊢            | -            | H             | -        |
|          | 25          | -              |          | L.       | ļ        | <u> </u>     | <u> </u>           |          | <u> </u> | -        |   |       | 75       |          | _        |          |                    | <u> </u> | ├            |              | <u> </u>      |          |
| _        | 26          | <u> </u>       | ļ        |          | ļ        | _            |                    |          | _        |          |   |       | 76       | _        |          |          |                    | -        |              | _            | -             | ├        |
|          | 27          | _              | <u> </u> | <u> </u> |          | ┝            |                    |          | <u> </u> | <u> </u> |   |       | 77       | -        |          |          | _                  |          | -            | -            | $\vdash$      |          |
|          | 28          | _              | _        |          | ļ        |              |                    |          | _        |          |   |       | 78       | _        | _        |          | _                  | <u> </u> |              | -            | H             |          |
| _        | 29          | <u> </u>       |          | _        |          |              |                    | ļ        |          |          |   |       | 79       | -        |          |          |                    | <u> </u> | -            | ļ            | ⊢             |          |
|          | 30          | L              | _        | <u> </u> | <u> </u> | L            |                    |          | L        |          |   |       | 80       | <u> </u> | _        |          | ┡                  | <u> </u> | <u> </u>     | _            | $\vdash$      | <u> </u> |
|          | 31          | $\vdash$       | ļ        | <u> </u> | <u> </u> | <u> </u>     | <u> </u>           | <u> </u> | <u> </u> | <u> </u> |   |       | 81       | <u> </u> | <u> </u> | _        | _                  | <u> </u> | <u> </u>     |              | <u> </u>      |          |
|          | 32          | <u> </u>       | _        | ļ        | _        | <u> </u>     | <b> </b>           |          | <u> </u> | <u> </u> |   |       | 82       |          | -        | _        | _                  | ļ        | <u> </u>     | _            | $\vdash$      | <u> </u> |
|          | 33          | <u> </u>       | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u>           | <u> </u> |          | <u> </u> |   |       | 83       | <u> </u> |          | <u> </u> | ļ                  | <u> </u> | <u> </u>     | ⊢            | <u> </u>      | <u> </u> |
|          | 34          | <u> </u>       | L        | <u> </u> | <u> </u> | <b>!</b>     | <u> </u>           |          | <u> </u> | _        |   |       | 84       | <u> </u> | <u> </u> | <u> </u> | -                  | L.       | <u> </u>     | <u> </u>     | ⊢             | <u> </u> |
|          | 35          | <u></u>        | $\vdash$ | <u> </u> | <u> </u> | <u> </u>     | <u> </u>           |          | <u> </u> | <u> </u> |   |       | 85       | <u> </u> | <u> </u> | L        | <u> </u>           | _        | <b>↓</b> .   | <u> </u>     | <u> </u>      | ļ        |
|          | 36          | <u> </u>       | _        |          | <u> </u> | <u> </u>     | <u> </u>           | _        |          | 1_       |   |       | 86       |          | ļ        |          | L                  | <u> </u> | $\vdash$     | ├            | $\vdash$      |          |
|          | 37          | _              | <u>L</u> | <u> </u> | L        | <u> </u>     | <u> </u>           | <u> </u> | <u> </u> | Щ.       |   |       | 87       | <u> </u> | _        | _        | L                  | ऻ_       | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u> |
|          | 38          | L              |          | ļ        | _        | _            | <u> </u>           | <u> </u> | <b>_</b> | <u> </u> |   |       | 88       | _        | <u> </u> | _        | <u> </u>           | ļ        | ļ            | <b> </b>     | <u> </u>      |          |
|          | 39          | <u> </u>       | <u> </u> | <u> </u> | <u> </u> | <u> </u>     | <u> </u>           | <u> </u> | <u> </u> | <u> </u> |   |       | 89       | L-       | <u> </u> | _        |                    | ļ        | <u> </u>     | <u> </u>     | <u> </u>      |          |
| _        | 40          | <u> </u>       |          | <u> </u> | <u> </u> |              | _                  | _        | L        | <u> </u> |   |       | 90       |          | <u> </u> | <u> </u> | _                  | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u> |
|          | 41          | <u> </u>       |          | _        |          | $oxed{oxed}$ |                    | <u> </u> | <u> </u> | _        | ] |       | 91       |          |          |          | <u> </u>           | <u> </u> | ╙            |              | _             |          |
|          | 42          | <u> </u>       | L_       | <u> </u> |          | ot           | _                  | <u></u>  | _        |          |   |       | 92       | L.       | L        |          |                    | _        | <u> </u>     | $\vdash$     | <u> </u>      | ļ        |
| _        | 43          | <u> </u>       | <u> </u> |          |          | L            | L_                 | _        |          | <u> </u> |   |       | 93       |          |          | _        | _                  | <u>L</u> | <u> </u>     | <u> </u>     | <u> </u>      | <u> </u> |
|          | 44          |                | _        |          | <u></u>  | _            |                    | <u></u>  | <b></b>  | L_       | 1 |       | 94       |          | L        |          |                    |          | 1_           | ļ            | L             | <u> </u> |
|          | 45          |                |          | L        |          |              | $oxedsymbol{oxed}$ |          | L_       |          |   |       | 95       | L.       | <u> </u> | <u>L</u> | <u> </u>           | _        | _            | <u> </u>     | L_            |          |
|          | 46          | 匚              |          |          |          |              | 匚                  |          |          |          |   |       | 96       |          |          | <u>L</u> | _                  |          | L.           | $oxed{oxed}$ | L             | _        |
| _        | 47          |                |          |          |          | $\Box$       | 匚                  |          |          |          |   |       | 97       |          |          |          | L                  | L        | <u></u>      | <u> </u>     |               | _        |
|          | 48          |                |          |          |          |              |                    | 匚        |          |          | 1 |       | 98       | L        |          |          | $oxedsymbol{oxed}$ | <u>L</u> | _            | <u> </u>     | <u>L</u>      | L_       |
|          | 49          |                | L        |          |          | Ĺ            |                    | L        | L        |          |   |       | 99       |          |          |          |                    |          |              | $oxed{oxed}$ |               |          |
|          | 50          |                | L        | L        | L        | L            |                    |          |          | $\Box$   |   |       | 100      |          |          |          | Ĺ                  |          |              | <u> </u>     |               | L_       |
| _        |             | -              |          |          |          |              |                    |          |          |          |   |       |          |          |          |          | -                  | _        |              |              |               |          |

| Cla   | aim                      | Date         |              |              |          |          |          |  |            |          |
|-------|--------------------------|--------------|--------------|--------------|----------|----------|----------|--|------------|----------|
|       |                          |              |              |              | Ť        | 1        |          | $\neg$   | $\neg$     | $\neg$   |
| Final | Original                 |              |              |              |          |          |          |  |            |          |
|       | 101<br>102               |              |              |              |          |          |          |  |            |          |
|       | 102                      |              |              |              |          |          |          |  |            |          |
|       | 103                      |              |              |              |          |          |          |  |            |          |
|       | 104<br>105               |              |              |              | _        |          |          |  |            |          |
|       | 105                      |              | _            |              |          |          |          |  |            |          |
|       | 106                      |              |              |              | _        |          |          |  |            |          |
|       | 107                      |              |              | $\Box$       |          |          |          |  |            |          |
|       | 108                      |              |              |              |          |          |          |  |            |          |
|       | 109                      |              |              |              | _        | -i       |          | _  |            | $\dashv$ |
|       | 110                      |              |              |              |          |          |          |  |            |          |
|       | 111                      |              |              |              | _        | -        | -        |  |            |          |
|       | 112                      |              | -            |              |          |          |          |  | _          |          |
|       | 112<br>113<br>114<br>115 | Н            |              |              |          | -        |          |  |            |          |
|       | 115                      |              |              |              |          |          |          |  |            |          |
|       | 116                      |              |              |              | _        |          |          |  |            |          |
|       | 117                      | _            |              |              |          |          |          |  | _          |          |
|       | 117<br>118               |              |              |              |          |          |          |  |            | П        |
|       | 119                      |              |              |              |          |          |          |  |            |          |
|       | 120                      |              |              |              |          |          |          |  |            |          |
|       | 120<br>121<br>122        |              |              |              |          |          |          |  |            |          |
|       | 122                      |              |              |              |          |          |          |  |            |          |
|       | 123<br>124<br>125<br>126 |              |              |              |          | Ĺ        |          |  |            |          |
|       | 124                      |              |              |              |          |          | L        |  |            | Ш        |
|       | 125                      |              |              | _            |          | L.       |          |  |            |          |
|       | 126                      |              |              | <u> </u>     |          | _        |          |  | <u> </u>   |          |
|       | 127                      |              | _            |              |          |          | <u> </u> |  | _          |          |
|       | 128                      | H            | -            | -            |          | <u> </u> | <u> </u> |  | -          | -        |
|       | 128<br>129<br>130        | -            | H            | -            |          | <u> </u> |          |  | _          |          |
|       | 130                      | $\vdash$     |              | _            |          | ⊢        |          |  | $\vdash$   | _        |
|       | 131<br>132               |              | <del> </del> |              | -        | H        | -        |  | $\vdash$   | $\vdash$ |
|       | 133                      |              | $\vdash$     | $\vdash$     |          | -        |          | -  |            | Н        |
|       | 133<br>134               |              | -            | -            |          |          |          | ┞─   | $\vdash$   | Н        |
|       | 135                      | -            |              |              |          |          |          | -  | <u> </u>   | m        |
|       | 136                      |              | $\vdash$     |              |          |          |          |  |            | H        |
|       | 136<br>137<br>138        |              |              |              |          |          |          |  |            | П        |
|       | 138                      |              |              |              |          |          |          |  |            |          |
|       | 139                      |              |              |              |          |          |          |  |            |          |
|       | 140                      |              |              |              |          | L        |          | <u> </u>   |            |          |
|       | 141                      | <u>L</u>     |              |              |          | L        | <u> </u> | <u> </u>   | _          |          |
|       | 142                      | <u>L</u> .   |              | _            | _        | <u> </u> | _        | <u> </u>   | <u> </u>   |          |
|       | 143                      | L.           |              | _            | _        |          |          | _  | 匚          |          |
|       | 144                      | <u> </u>     | L            | <b>⊢</b>     | ļ        | -        |          | <u> </u>   | -          |          |
|       | 145                      | ļ            | L            | <del> </del> |          | <u> </u> | $\vdash$ | <u> </u>   | <u> </u>   | $\vdash$ |
|       | 146                      | <u> </u>     | -            |              |          | H        | ⊨        | _  | ┢          | $\vdash$ |
|       | 147                      | ├-           | -            | -            |          | -        | -        | ├-   | -          | Н        |
|       | 148<br>149               | <del> </del> | $\vdash$     | $\vdash$     |          | $\vdash$ | $\vdash$ | $\vdash$   | <b>⊢</b> − | $\vdash$ |
|       | 150                      | $\vdash$     | $\vdash$     | ├            | $\vdash$ | $\vdash$ | $\vdash$ | <del>                                     </del> | ├          | Н        |
|       | 1100                     | 1            | L            | L            | L        | 1        | <u> </u> | <u></u>  | L          | ш        |